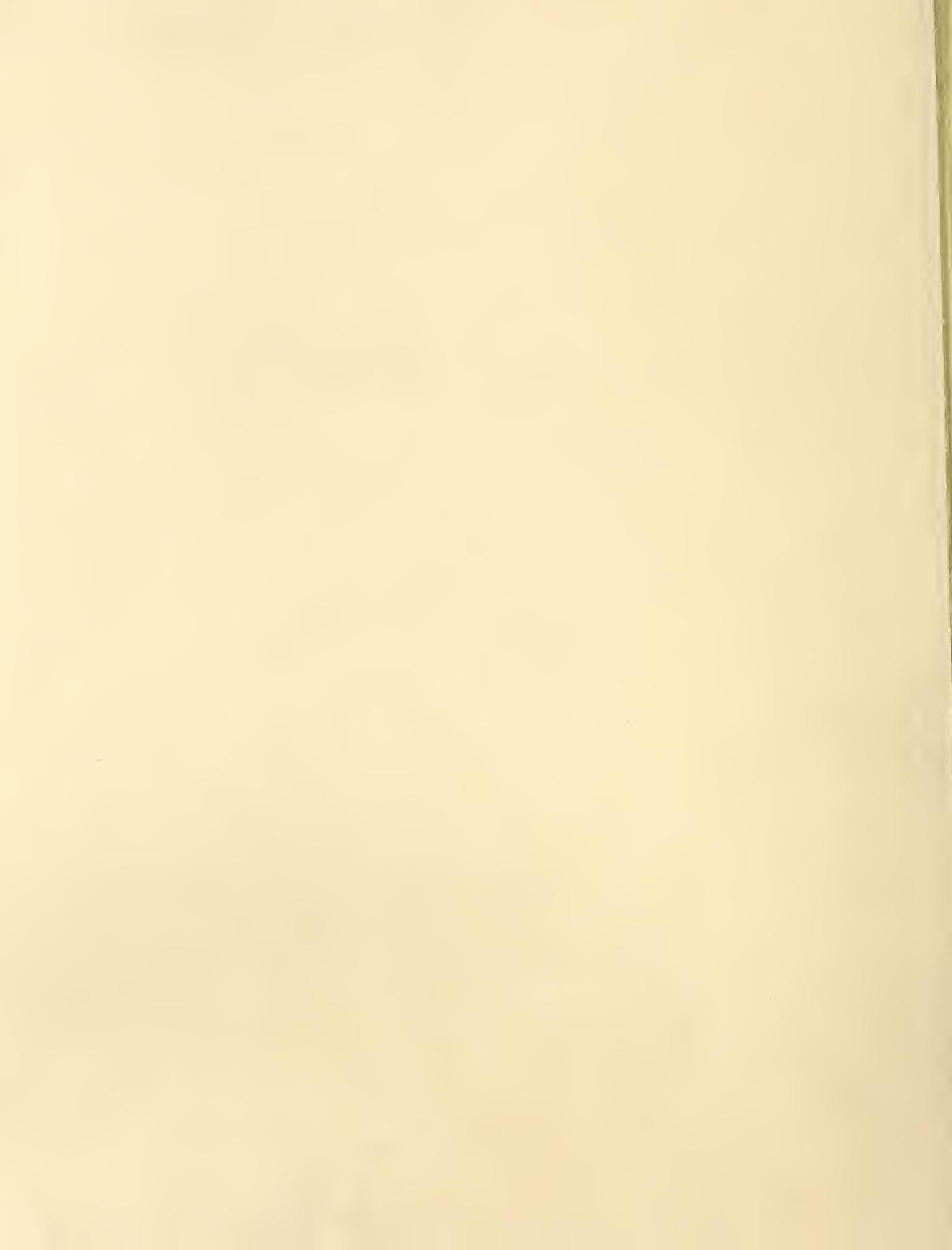


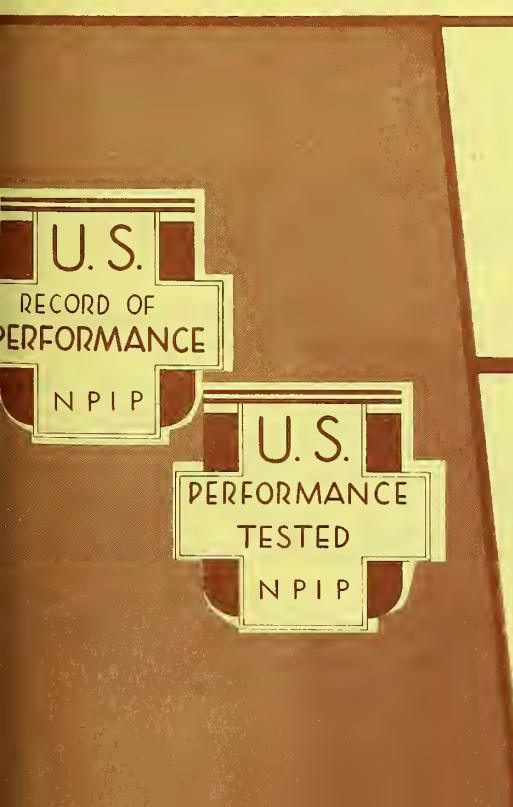
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Performance Test
Summary, 1958-1959 X



Agricultural Research Service
June 1960 ARS 44-7

UNITED STATES DEPARTMENT
OF AGRICULTURE

FOREWORD

This report is divided into four sections: (1) ROP Candidate Records, (2) On-the-Farm Performance Test - egg production, (3) Performance Tested Parent Stock Candidate Records - egg production, and (4) Performance Tested Parent Stock Candidate Records - meat production.

The ROP Candidate Records, pages 5 to 8, were compiled from trapnest records obtained on the breeder's farm, for ROP female qualification. At the end of the trapnest period, all performance records for the candidates are summarized by the ROP Supervisor and submitted to the Animal Husbandry Research Division for publication. ROP females may be qualified on any one or more of the bases (A, B, C, or D) described below under "Abbreviations and Symbols".

The On-the-Farm Performance Test records, page 9, were compiled under official supervision, on a random sample of at least 125 pullet chicks maintained on the breeder's premises.

The Performance Tested Parent Stock Candidate Records - egg production, pages 9 to 18, were obtained from random sample and multiple unit tests. Only the records of stocks which were entered for the U. S. Performance Tested Parent Stock Classification are included.

Entries in acceptable central tests for which proper application has been made to the Official State Agency are candidates for the U. S. Performance Tested Parent Stock Classification. The male and female lines of the qualified stocks may be sold as Performance Tested Parent Stock. When these lines are mated in the same combination as for the production of the qualifying entry the flocks may be classified as "U. S. Certified for Eggs".

The Performance Tested Parent Stock Candidate Records - meat production, pages 19 and 20 were obtained from the Arkansas Meat Production and Egg Phase Performance Test. This test is limited to Plan participants and is the only one which meets the Plan requirements for both growing and laying phases.

All participants listed in this publication were U. S. Pullorum-Typhoid Clean at the conclusion of the test period. Refer to the latest revision of ARS 44-6, or the appropriate Official State Agency for the current Pullorum-Typhoid classification.

The complete provisions of the National Poultry Improvement Plan are contained in U. S. D. A. Miscellaneous Publication 739, copies of which may be obtained from Official State Agencies for the Plan or by writing directly to the Poultry Improvement Section, AH Division, Agricultural Research Center, Beltsville, Md.

ABBREVIATIONS AND SYMBOLS

Basis for Qualifying ROP Females:

- A - Individual birds, 219 eggs in 365 days
- B - Individual birds, 60% production for at least 10 months
- C - Families of 6 or more, 65% production for at least 10 months
- D - Families of 8 or more, 70% production for at least 13 weeks

A list of those egg production stocks which qualified in 1958-59 as U. S. Performance Tested Parent Stock for Eggs appears on page 21, those stocks with continuing qualification from 1957-58 are also shown. Qualification was based upon income above the feed and chick cost per pullet housed as provided for in Section 145.24 (a)(1), as amended August 14, 1959.

Stocks which qualified as U. S. Performance Parent Stock for Meat for 1958-59 and those which continue to qualify from 1957-58 are also listed on page 21. Qualification was based upon rate of growth and egg production as provided for in Section 145.24 (a)(2), as amended August 14, 1959.

An asterisk (*) adjacent to the name of the stock indicates that qualification is limited to the designated stock of that entrant, since the entrant is not the original breeder of this stock. Use of the terms "U. S. Certified for Eggs" or "U. S. Certified for Meat" applies only to eggs or chicks produced by flocks directly under the control of that entrant. (Subsequent to the start of the tests listed herein, the Plan provisions were amended to provide that the application for qualification shall be made by the breeder of the parent stock, but the sample may be taken from any source approved by the breeder for the production of the grade to be tested).

The designation as Performance Tested Parent Stock may be retained for one year after classification, provided the stock is maintained under the supervision of the qualifying breeder, and is mated in the same combination, and for one more year if it is continuously represented by an entry for such classification.

ROP ENTRANTS

<u>Name and Address</u>	<u>Breed and Variety</u>	<u>Page</u>
Anderson, Ralph W., Hanover, Massachusetts	RIR	6
Avery, C. T. & Son, Colrain, Massachusetts	WPR	6
Bishop, R. Walter, Guilford, Connecticut	RIR	6
Blue Diamond Poultry Farm, Redwood Falls, Minnesota	BPR	7
Botkin Poultry Farm, Berea, Kentucky	WPR	7
Brender's Leghorns, Ferndale, New York	SCWL	5
Burr's Poultry Farm, Rt. 1, Tunkhannock, Pennsylvania	SCWL	5
Cashman's Leghorn Farm, Webster, Kentucky	SCWL	5
Colonial Poultry Farms, Pleasant Hill, Missouri	SCWL	5
Crooks Farm, North Brookfield, Massachusetts	Delawares	7
Edmond's Trapnest Leghorns, Luverne, Minnesota	RIR	6
Fletcher, J. O. & Son, Box 548, Concord, North Carolina	SCWL	5
Foreman's Poultry Farm, Lowell, Michigan	B1. Australorps	8
Gasson's Poultry Farm, Versailles, Ohio	California Grays	8
Hanson, J. A. Leghorn Farm, P. O. Box 692, Corvallis, Oregon	SCWL	5
Harcos Orchards & Poultry Farm, South Easton, Massachusetts	RIR	6
Hardy, C. Nelson & Son, Essex, Massachusetts	BPR	7
Haws, Geo. G., Del Rio Farm, Rt. 1, Bx 460, Mesa, Arizona	RIR	6
Lawton, A. C. & Sons, Foxboro, Massachusetts	WPR	7
Larson, Archie M., Rt. 3, Weiser, Idaho	SCWL	5
Lee's Poultry Farm, Brookville, Ohio	WPR	7
Nedlar Farms, Inc., Peterborough, New Hampshire	NH	7
Norfolk Co. Agricultural School, Walpole, Massachusetts	RIR	6
Parmalee, Harold R., Rockfall, Massachusetts	N. E. Whites	8
Parmenter Reds, Inc., Franklin, Massachusetts	BPR	7
Pineland Red Farm, Mayesville, South Carolina	RIR	6
Robinson's Poultry Farm, Pine City, Minnesota	RIR	6
Stanek Poultry Farm, Meshoppen, Pennsylvania	SCWL	5
Virchow Poultry Farm, Waupaca, Wisconsin	SCWL	5
Warren, J. J., North Brookfield, Massachusetts	SCWL	5
	RIR	6

ON-THE-FARM PERFORMANCE TEST ENTRY

Norfolk Co. Agricultural School, Walpole, Massachusetts	RIR	9
	N. E. Whites	9

PERFORMANCE TESTED PARENT STOCK ENTRANTS

Amstutz Hatchery, Somerset, Pennsylvania	SCWL, H&N "Nick Chick"	15
Arbor Acre Farms, Glastonbury, Connecticut	WPR	19, 20
Atwood Hatchery, Comanche, Texas	SCWL, H&N "Nick Chick"	17
Avery, C. T. & Son, Colrain, Massachusetts	Sex-Links	15
Babcock Poultry Farm, Inc., Ithaca, New York	SCWL, Babcock Bessie	10, 11, 12, 13, 14, 15, 16, 17, 18, 21
Bank's Hatchery, Chattanooga, Tennessee	Hy-Line 934 A	17
Brown, Jeff D. & Co., Springdale, Arkansas	Brown's Ledbrest	19
Cameron Hatchery, Beaver Springs, Pennsylvania	SCWL, DMX	15, 21
Cobb's Pedigreed Chicks, Concord, Massachusetts	WPR, Cobb's "King Size"	19, 20
Cunningham, John, Beaver Falls, Pennsylvania	SCWL 458	15, 21
Dav-El Hatchery, Lakewood, New Jersey	SCWL, H&N "Nick Chick"	13
Darby Leghorn Farm, Somerville, New Jersey	SCWL, Darby DX	11, 12, 13, 15, 18, 21
DeWitt Texas Hatchery, Inc., Nacogdoches, Texas	SCWL, Pure Darby Str.	11, 12, 14, 16
Dirkse Leghorn Farm, Zeeland, Michigan	SCWL, Babcock Bessie	17
	SCWL, Darby DX	11, 12, 21
	SCWL, Pure Darby Str.	12, 14, 18, 21

PERFORMANCE TESTED PARENT STOCK ENTRANTS (Cont'd)

<u>Name and Address</u>	<u>Breed and Variety</u>	<u>Page</u>
Feather Hill Farm, Dade City, Florida	SCWL, Babcock Bessie	10
Flinn's Hatchery, San Antonio, Texas	SCWL, Honegger Layer	17
Florida Hen Ranch, 2500 N. Wingate Rd., Ft. Lauderdale, Fla.	SCWL, Honegger Layer	10
Frizzell Poultry Farm & Hatchery, Rt. 6, Bx. 171, Tampa, Fla.	SCWL, H&N "Nick Chick"	10
Golden Egg Hatchery, Lakewood, New Jersey	SCWL, Honegger Layer	13
Hansen's Leghorn City, 6003 N. Meridian, Puyallup, Wash.	SCWL Criss Cross 60	11, 12, 14, 18, 21
	SCWL Criss Cross 61	15, 16, 21
	SCWL, H&N "Nick Chick"	9, 10, 11, 12, 13, 15, 16, 17, 18, 21
Heisdorf & Nelson Farms, P. O. Box 428, Kirkland, Wash.	SCWL, Babcock Bessie	10
Hodges Poultry Farm, Callahan, Florida	SCWL, Honegger Layer	10, 11, 12, 13, 15, 16, 17, 18, 21
Honegger Farms Co., Inc., Forrest, Illinois		
Hubbard Farms, Inc., Walpole, New Hampshire (Lancaster, Pa.)	Hubbard 43	19, 20
Hudson Hatchery, Jonesboro, Tennessee	Hubbard 496	14, 15, 16, 21
Hy-Line Poultry Farms, 1206 Mulberry, Des Moines, Iowa	SCWL, Babcock Bessie	16
	Hy-Line 934 C	9, 10, 12, 14, 15, 17, 18, 21
	Hy-Line 934 A	11, 17, 18, 21
	Hy-Line 934 B	11, 18, 21
	Hy-Line 934 C	11
Hy-Line Poultry Farm, Owatonna, Minnesota	SCWL, Babcock Bessie	10
Joe's Poultry Farm, Arcadia, Florida	SCWL, Babcock Bessie	11
Johnson Chick Hatchery, Racine, Minnesota	Hy-Line 934 C	18
Kazmeier-Sherrill Hatchery, Inc., Bryan, Texas	SCWL, Keystone	14, 15, 21
Keystone Poultry Breeding Farm, Ephrata, Pennsylvania	WPR	14
Lawton, A. C. & Sons, Foxboro, Massachusetts	WPR 301	15
Lee's Poultry Farm, Brookville, Ohio	SCWL, Mt. Hope Queen	12
Liechty's Poultry Farm, Wauseon, Ohio	SCWL, K 137	15, 21
Longenecker Poultry Farm, Elizabethtown, Pennsylvania	SCWL, H&N "Nick Chick"	11
Lowry Hatchery, Lowry, Minnesota	SCWL, Mt. Hope Queen	11
Maple Dale Hatchery, Austin, Minnesota	SCWL, Babcock Bessie	13
Melini's Vineland Farms, Vineland, New Jersey	SCWL, Mt. Hope Queen	10, 11, 12, 13, 14, 16, 17, 21
Mount Hope Poultry Farm, Batavia, New York	Nichols #108	19, 20
	SCWL, Mt. Hope Queen	13, 16, 21
Nichols Poultry Farms, Exeter, New Hampshire	SCWL, Mt. Hope Queen	10
Nimton Leghorn Breeding Farm, Bridgeton, New Jersey	SCWL, Mt. Hope Queen	10
Oak Crest Hatchery, Box 67, DeFuniak Springs, Florida	Peterson Wh. Cornish	19
Oak Crest Poultry Farms, Inc., Rt. 4, Bx. 563, Jacksonville 10, Fla.	Pilch White Rock	19, 20
Peterson Produce Co., Decatur, Arkansas	SCWL, H&N "Nick Chick"	10
Pilch Poultry Farms, Inc., Hazardville, Connecticut	SCWL, Honeggers	10
Pine Acres Poultry Farm, Box 808, Lake City, Florida	SCWL, Linecross	12, 13, 14, 16, 17, 18, 21
Pine Air Poultry Acres, Rt. 8, Bx. 843, Jacksonville 7, Fla.	SCWL	14, 21
Rapp Leghorn Farm, Inc., Farmingdale, New Jersey	Hy-Line 934 C	9
	Hy-Line 934 C	17
Reuter's Leghorns, Route 1, Holland, New York	SCWL, H&N "Nick Chick"	16
Rothway Farms, 3440 Van Buren, Phoenix, Arizona	SCWL, H&N "Nick Chick"	9
Smith, Blanton, 927 Gallatin Road, Nashville, Tennessee	Warren Sex-Sal-Link	12
Strain Hatchery, Dalton, Georgia	Thompson White Rock	19, 20
Sun Valley Hatchery, 4002 S. Central Ave., Phoenix, Arizona	SCWL 30	12, 16, 21
Swift & Co., Trenton, Missouri	Vantress Dom. Wh.	20
Thompson, J. N. Hatchery & Breeding Farm, Pottsville, Ark.	SCWL, H&N "Nick Chick"	17
Townline Poultry Farm, Zeeland, Michigan	Hy-Line 934 C	10
Tyson's Hatchery, Springdale, Arkansas	Hy-Line 934 C	15
Vance Hatchery, Shallowater, Texas	RIR	13, 21
Wallace Hatchery, Inc., P. O. Bx. 11236, St. Petersburg 33, Fla.	Sex-Sal-Link	12, 14, 16, 21
Wallace Hy-Cross Hatchery, Doylestown, Pennsylvania	Hy-Line 934 C	18
Warren, J. J., North Brookfield, Massachusetts	SCWL, Honegger Layer	15
	SCWL, Darby DX	11
Wilson Poultry Farm & Hatchery, Clyde, Texas		
Windle's Hatchery, Cochranville, Pennsylvania		
Yellowstone Hatchery, Billings, Montana		

ROP CANDIDATE RECORDS
Single-Comb White Leghorn

Breeder's Name and Address	Pullets on Farm		Pullets withdrawn		Pullets entered in ROP		Meeting ROP requirements		ROP females		Average of all birds trapped		1959 Single-Male Matings		Years in ROP		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
Brender's Leghorns Ferndale, New York	No.	No.	No.	No.	No.	No.	%	%	No.	No.	lbs.	No.	No.	No.	No.	No.	
*Burr Poultry Farm Rt. 1, Tunkhannock, Pennsylvania	40,000	7,690	7,690	1,619	6,071	3,671	60.5	B	57.6	26.2	226	1,000	16				
Cashman's Leghorn Farm Webster, Kentucky	4,200	1,500	1,375		1,375	819	59.5	A		217.7	25.5		16	368	24		
Colonial Poultry Farms Pleasant Hill, Missouri	2,674	1,520	1,520		1,520	896	86.9	B	59.6		25.3	4.2	**	**	15		
Edmonds Trapnest Leghorns Luverne, Minnesota	7,000	1,742	1,670	***69	1,673	141		8.42	A	115.3	24.7	4.25	23	210	22		
Fletcher, J. O. & Son Concord, North Carolina	500	500	495	5	495	239		48.2	A	210.0	25.6	4.7	8	171	21		
Foreman Poultry Farm Lowell, Michigan	3,000	860	651	209	651	301	46.2	B	53.0		24.02		28	560	9		
Gasson's Poultry Farm Versailles, Ohio	1,800	579	579		579	334	57.7	B	61.7		25.6		31	427	9		
Hanson, J. A. Leghorn Farm P.O. Box 692, Corvallis, Oregon	11,400	2,175	2,087	88	2,087	1,813	86.9	B	73.0		25.2		33	585	34		
Haws, Geo. G. (Del Rio Farm) Rt. 1, Box 470, Mesa, Arizona	8,000	1,798	1,524	159	1,639	1,287		78.52	A	267.7	24.65	4.69	34	607	25		
Larson, Archie M. Rt. 3, Weiser, Idaho	482	176			176	26	14.8	D			24.9		6	85	12		
Robinson Poultry Farm Pine City, Minnesota	152	152	152		152	55	36.1	36.1	A	188.5	24.7			23			
Stanek Poultry Farm Meshoppen, Pennsylvania	3,349	400	400		400	149		37.2	A	184.0	23.8	4.5	10	253	25		
*Virchow Poultry Farm Waupaca, Wisconsin	2,750	678	834		834	320	38.4	38.4	A	167.5	24.7	10	233	14			
Breeding Pens Only															7	148	21

* Not trapnesting this breed and variety in 1959-60.
** All breeding pens had multiple full brothers heading pens. No single male matings.
*** Trapnesting discontinued on 1,274 birds in May. Only 218 continued for year.

ROP CANDIDATE RECORDS
Rhode Island Red

Breeder's Name and Address		Pullets on Farm				Pullets of this breed and variety trapnested				Individuality pedigree				Pullets withdrawn				Pullets entered in ROP				Basis of qualifying ROP females				Average egg production all birds entered on 10-mon. basis				Average egg production all birds entered on 365-day basis				Number Egg Weight				Single-Male Matings				1959 Females in matings				Years in ROP			
No.	No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	No.	No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)														
Anderson, Ralph W. Hanover, Massachusetts	679	304	304	304	304	304	304	190	62.5	B	59.6	B	25.1	6.3	7	112	27																																
Avery, C. T. and Son Colrain, Massachusetts	6,944	913	913	913	913	913	913	486	53.2	B	52.9	B	24.5	5.9	14	172	31																																
*Crooks Farm North Brookfield, Massachusetts	5,889	316	316	316	316	316	316	236	74.7	B	69.5	B	25.7	5.8	18	216	33																																
Harcos Orchards & Poultry Farm South Easton, Massachusetts	3,530	1,789	1,552	1,789	1,789	1,789	1,789	1,531	85.6	A	85.6	A	264.1	27.0	6.2	21	336	17																															
Hardy, C. Nelson & Son Essex, Massachusetts	4,011	526	526	526	526	526	526	462	87.8	B	72.6	B	25.8	5.7	23	202	17																																
Haws, Geo. G. (Del Rio Farm) Rt. 1, Box 470, Mesa, Arizona	1,322	340	340	340	340	340	340	290	85.4	D		D	24.8		16	187	18																																
Norfolk Co. Agricultural School Walpole, Massachusetts	700	244	244	244	244	244	244	94	38.5	B	47.0	B	24.9	5.3	15	114	34																																
Parmenter Reds, Inc. Franklin, Massachusetts	20,187	2,901	2,901	2,901	2,901	2,901	2,901	1,502	51.8	B	54.3	B	26.0		50	642	32																																
Pineland Red Farm Rt. 1, Mayesville, South Carolina	580	339	336	336	336	336	336	230	68.5	A	68.5	A	228	24.7		7	85	22																															
*Warren, J. J. No. Brookfield, Massachusetts	7,586	5,045	3,255	1,790	3,255	1,790	3,255	1,138	35.0	B	51.2	B	26.3	5.4	46	528	32																																

White Plymouth Rock

Anderson, Ralph W. Hanover, Massachusetts	5,886	281	281	281	207	73.7	B	64.2		B	25.5	6.6	7	112	5
Blue Diamond Poultry Farm Redwood Falls, Minnesota	1,640	400	376	24	376	231	57.7	A	206.0	26.2	6.7	32	476	18	

* Not trapnesting this breed and variety in 1959-60.

ROP CANDIDATE RECORDS
White Plymouth Rock

Breeder's Name and Address	Pullets on Farm		Pullets of this breed and variety trapnested		Individuality pedigree		Pullets withdrawn		Pullets entered in ROP		Meeting ROP requirements		Basis of qualitying ROP females		Average egg production all birds entered on 10-mo. basis		Average egg production all birds entered on 365-day basis		Females in matings		Years in ROP		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	
Botkin Poultry Farm Berea, Kentucky	No.	No.	No.	No.	No.	No.	%	%	No.	%	No.	No.	oz.	lbs.	No.	No.	No.	No.	No.	No.	No.	No.	
Lawton, A. C. & Sons Foxboro, Massachusetts	2,199	400	400	400	341	85.3			B	70.4			25.6		12	182	15						
Lee's Poultry Farm Brookville, Ohio	1,597	376	376	376	176	47.0			B	63.0			24.7	5.5	27	329	27						

Barred Plymouth Rock

Bishop, R. Walter Guilford, Connecticut	129	94	94		94	60	63.7	63.7	A		212	23.8	6.7	22	121	32
Harcos Orchards & Poultry Farm So. Easton, Massachusetts	5,823	1,991	1,697		1,991	1,674	84.1	84.1	A		258.2	25.7	6.2	21	336	17
Parmele, Harold R. Rockfall, Connecticut	4,200	750	750		750	398	53.1	53.1	B	57.0		25.9	5.7	16	233	16

New Hampshire

*Nedlar Farms, Inc. Peterborough, New Hampshire	3,726	683	634	49	634	443	69.8		B	65.1		24.1	5.2	20	261	35
Colonial Poultry Farms Pleasant Hill, Missouri	193	193			193	61	31.6		B	52.2		25.2	6.4		1	

* Not trapnesting this breed and variety in 1959-60

Delawares

DON CANDIDE DECODE

New England Whites

Black Australorps

California Grays

On-The-Farm Performance Test

Breeders Name and Address	Performance Tested Parent Stock - Candidate Laying Records										
	Egg Production					Adult Mortality					
		Average to 500 days of age			Average 11-13 mos. of age						
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Norfolk Co. Agricultural School Walpole, Massachusetts	New England Whites Certified	95	130	121	139	176			No.	%	
Norfolk Co. Agricultural School Walpole, Massachusetts	RIR, Certified	225	134	119	139	175			No.	%	

Fourth Arizona Random Sample Laying Test

Breeders Name and Address	Fourth Arizona Random Sample Laying Test										
	Egg Production					Adult Mortality					
		Average to 500 days of age			Average 11-13 mos. of age						
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Heisdorf & Nelson Farms, Inc. (Sun Valley Hatchery, 4002 So. Central Ave., Phoenix)	SCWL, Str. Cr., H & N "Nick Chick"	100	90	160				No.	No.	%	
Hy-Line Poultry Farms (Rothway Farms 3440 East Van Buren, Phoenix)	Hy-Line 934 C Incrossbred	100	90	160				No.	No.	%	

Performance Tested Parent Stock - Candidate Records
Seventh Florida Random Sample Test

Breeder's Name and Address	Breed and Variety and Grade Designation	Average to 500 days of age										Body Weight at end of year			Adult Mortality
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
Babcock Poultry Farm (Feather Hill Farm, Dade City, Florida)	SCWL Str. Cr. Babcock Bessie	No.	No.	No.	No.	days	days	oz.	No.	%	oz.	lbs.	lbs.	%	
Babcock Poultry Farm (Hodges Poultry Farm, Callahan, Florida)	SCWL Str. Cr. Babcock Bessie	49	47	160	172				233.5	243.9	73.1	25.8	4.5	14.9	
Babcock Poultry Farm (Joe's Poultry Farm, Arcadia, Florida)	SCWL Str. Cr. Babcock Bessie	45	43	160	170				226.9	242.7	72.3	24.6	4.4	11.6	
Heisdorf & Nelson Farms, Inc. (Frizzell Poultry Farm, Tampa, Florida)	SCWL Str. Cr. H & N "Nick Chick"	49	47	160	161				223.6	235.1	69.9	25.0	4.5	8.2	
Heisdorf & Nelson Farms, Inc. (Pine Acres Poultry Farm, Lake City, Florida)	SCWL Str. Cr. H & N "Nick Chick"	48	48	160	161				235.0	238.6	70.1	23.7	4.3	4.3	
Honegger Farms Co., Inc. (Florida Hen Ranch Fort Lauderdale, Florida)	SCWL Str. Cr. Honegger Layer	49	48	160	173				248.6	252.8	74.4	23.8	4.5	4.2	
Honegger Farms Co., Inc. (Pine Air Poultry Farm, Jacksonville, Florida)	SCWL Str. Cr. Honegger Layer	50	50	160	173				224.3	233.7	70.1	24.8	4.4	10.6	
Hy-Line Poultry Farms, Inc. (Wallace Hatchery, Inc., St. Petersburg, Florida)	Hy-Line 934 C Incrossbred	49	48	160	165				233.1	257.9	77.7	24.5	4.3	14.0	
Mount Hope Poultry Farm (Oak Crest Hatchery, Defuniak Springs, Florida)	SCWL Str. Cr. Mt. Hope Queen	50	48	160	175				211.4	247.5	74.4	24.5	4.3	20.8	
Mount Hope Poultry Farm (Oak Crest Farm, Jacksonville, Florida)	SCWL Str. Cr. Mt. Hope Queen	49	48	160	171				231.4	247.9	74.1	24.7	4.3	10.4	

Performance Tested Parent Stock - Candidate Records
Third Intermountain Random Sample Egg Laying Test

Breeder's Name and Address	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	Average to 500 days of age		Body Weight at end of year lbs.	Adult Mortality %															
														Average egg weight at 240 days	Age at Housing	Age at 50% Production	Egg Production;	50% Production	% from age at	Hen-day	Egg Production;	50% Production	% from age at	Hen-day	Egg Production;	50% Production	% from age at	Hen-day	Egg Production;	50% Production	% from age at	Adult Mortality %
Barry Leghorn Farm (Dirks Leghorn Farm, Zeeland, Michigan)	SCWL Str. Cr. Darby	No.	No.	No.	No.	days	days	days	oz.	No.	No.	oz.	lbs.	4.6	8.7																	
Barry Leghorn Farm (Yellowstone Hatchery, Billings, Montana)	SCWL Pure Str. Darby DX	70	69	150	181					208.4																						
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Criss-Cross 60	70	69	150	186					205.0																						
Heisdorf & Nelson Farms, Inc. Kirkland, Washington	SCWL Str. Cr. H & N "Nick Chick"	70	69	150	175																											
Honegger Farms Co., Inc. Forrest, Illinois	SCWL Str. Cr. Honegger Layer	70	69	150	179																											
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 A Incrossbred	70	69	150	176																											
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934B Incrossbred	70	68	150	177					226.3																						

Second Minnesota Random Sample Test

Hy-Line Poultry Farms (Hy-Line Poultry Farm, Owatonna, Minnesota)	Hy-Line 934C Incrossbred			125	100	155	177	25.5	251.7	232.0	77.0	25.8	4.2	1.0															
Babcock Poultry Farm (Johnson Chick Hatchery, Racine, Minnesota)	SCWL Str. Cr. Babcock Bessie			125	100	155	181	24.9	238.8	244.3	75.2	25.3	4.4	5.0															
Heisdorf & Nelson Farms (Lowry Hatchery, Lowry, Minn.)	SCWL Str. Cr. Mt. Hope Queen			125	100	155	166	24.2	254.9	260.0	76.2	24.8	4.4	3.0															
Mt. Hope Poultry Farm (Maple Dale Hatchery, Austin, Minnesota)				125	100	155	180	24.9	217.1	232.6	71.1	25.6	4.3	12.0															

Performance Tested Parent Stock - Candidate Records
Fifth Missouri Official Random Sample Poultry Test

Breeders Name and Address	Grade and Varietys and Breed and Varietys and	Females in Sampled Flocks	Pullet Chicks Started	Age at Housing	Age at 50% Production	240 days Average egg weight at	240 days Average egg weight at	Egg Production; Hen-day	Egg Production; Hen-day	Egg Production; Hen-housed	Egg Production; Hen-housed	50% Production at age	Adult Mortality
Babcock Poultry Farm Ithaca, New York	SCWL Str. Cr. Babcock Bessie	60	50	163	183			No.	No.	No.	No.	%	%
Darby Leghorn Farm (Dirks Leghorn Farm Zeeland, Michigan)	SCWL Str. Cr. Darby DX	60	50	163	181			o.z.	o.z.	o.z.	o.z.	oz.	lb.s.
Darby Leghorn Farm (Dirks Leghorn Farm Zeeland, Michigan)	SCWL Pure Str. Darby	60	50	163	172			236.8	238.0	75.1	27.1	4.6	2.0
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Criss Cross Sixty	60	50	163	169			245.9	245.9	75.0	25.0	4.6	12.0
Heisdorf & Nelson Farms, Inc. Kirkland, Washington	SCWL Str. Cr. H & N "Nick Chick"	60	50	163	164			253.7	255.4	77.2	26.9	4.8	2.0
Honegger Farms Co. Inc. Forrest, Illinois	SCWL Str. Cr. Honegger Layer	60	50	163	175			268.9	268.9	80.1	24.4	4.3	0.0
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 C Incrossbred	60	50	163	172			242.0	242.3	74.5	25.7	4.6	2.0
Mount Hope Poultry Farm (Liechty's Poultry Farm Wauseen, Ohio)	SCWL Str. Cr. Mt. Hope Queen	60	50	163	173			270.5	270.5	82.5	26.2	4.3	0.0
Rapp Leghorn Farm, Inc. Farmington, New Jersey	SCWL Str. Cr. Lirecross Leghorn	60	50	163	173			235.5	251.6	76.9	26.1	4.4	12.0
Schaible, Louis D. Shiloh, New Jersey	SCWL Str. Cr. Commercial	60	50	163	183			251.5	253.8	75.6	26.5	4.3	4.0
Warren, J. J. (Swift & Company, Trenton, Missouri)	RIR X RIW Crossbred Sex-Sal-Links	60	50	163	180			227.8	228.3	71.3	26.2	5.4	2.0
Townline Poultry Farm Zeeland, Michigan	SCWL Str. Cr. 30	60	50	163	175			245.3	246.2	75.8	26.0	4.5	2.0

Performance Tested Parent Stock - Candidate Records
First New Jersey Random Sample Egg Laying Test

Breeders Name and Address	Average to 500 days of age										Adult Mortality		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
Babcock Poultry Farm (Mellini's Vineland Farms Hatchery, Vineland, N. J.)	SCWL Str. Cr. Babcock Bessie	No.	No.	No.	days	days	oz.	No.	No.	%	oz.	lbs.	%
Derby Leghorn Farm Somerville, New Jersey	SCWL Str. Cr. Darby DX	55	50	160	179			223.1	227.2	69.6	25.1	4.2	6.0
Heisdorf & Nelson Farms, Inc. (Dav-El Hatchery, Lakewood, New Jersey)	SCWL Str. Cr. H & N "Nick Chick"	55	50	160	171								
Honegger Farms Co., Inc. (Golden Egg Hatchery, Lakewood, New Jersey)	SCWL Str. Cr. Honegger Layer	54	50	160	182			222.0	237.7	72.9	23.3	4.2	12.0
Mount Hope Poultry Farm Batavia, New York	SCWL Str. Cr. Mt. Hope Queen	55	50	160	184			243.1	250.6	77.2	23.5	3.9	6.0
Nimton Leghorn Breeding Farm Bridgeport, New Jersey	SCWL Str. Cr. Commercial	55	50	160	181			229.0	241.1	73.6	24.3	4.4	12.0
Rapp Leghorn Farm, Inc. Farmington, New Jersey	SCWL Str. Cr. Linencross Leghorn	55	50	160	174			242.3	248.7	75.0	23.9	4.3	10.0
Schaible, Louis D. Shiloh, New Jersey	SCWL Str. Cr. Commercial	47	46	160	176			229.0	234.6	70.8	25.1	4.5	6.5
Warren, J. J. North Brookfield, Mass.	RIR Warren	55	50	160	195			181.8	201.1	65.0	24.8	5.1	24.0

Ninth Central New York Official Random Sample Poultry Test

Babcock Poultry Farm Ithaca, New York	SCWL Str. Cr. Babcock Bessie	58	50	160	181			221.3	236.0	69.3	24.8	4.3	14.0
Heisdorf & Nelson, Inc. Kirklan, Washington	SCWL Str. Cr. H & N "Nick Chick"	60	50	160	180			241.4	252.4	74.2	23.9	4.3	15.4
Honegger Farms Co., Inc. Forrest, Illinois	SCWL Str. Cr. Honegger Layer	56	50	160	174			198.8	229.3	67.3	24.7	4.3	23.8

**Performance Tested Parent Stock - Candidate Records
Ninth Central New York Official Random Sample Poultry Test (Cont'd.)**

Breed and Variety and Grade Designation	Females in Sampled Flocks	Pullet Chicks Started	Pullets Housed	Age at Housing	Age at 50% Production	240 days Average Egg weight	Egg Production: Hen-day % from age at 50% Production	Egg Production: Hen-day % from age at 50% Production	Egg Production: Hen-day % from age at 50% Production	Average Annual Egg Weight	Body Weight at end of year	Adult Mortality
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 C Incrossbred	No.	No.	No.	days	days	(e)	(f)	(g)	No.	No.	(l)
Keystone Poultry Farm Ephrata, Pennsylvania	SCWL Str. Cr. Keystone Leghorn	59	50	160	188		233.5	239.9	70.4	25.4	4.2	20.0
Mount Hope Poultry Farm Batavia, New York	SCWL Str. Cr. Mt. Hope Queen	53	50	160	173		209.2	225.9	66.1	25.4	4.7	17.4
Rapp Leghorn Farm, Inc. Farmington, New Jersey	SCWL Str. Cr. Linecross Leghorn	60	50	160	178		214.4	229.7	67.6	24.9	4.4	15.4
Reuter, Henry Holland, New York	SCWL Str. Cr. SCWL Str. Cr.	58	50	160	172		189.4	214.4	63.2	24.7	4.8	23.2
Schable, Louis D. Shiloh, New Jersey	SCWL Str. Cr. Commercial	60	50	160	180		222.8	230.3	67.7	25.4	4.4	11.4

Fifth Western New York Official Random Sample Poultry Test

Performance Tested Parent Stock " Candidate Records
Second Pennsylvania Random Sample Laying Test

Breeders Name and Address	Grade and Variety and Breed Designation	Females in Sampled Flocks	Average to 500 days of age						Body Weight at end of year					
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
Avery, C. T. & Son Colrain, Massachusetts	RIR x BPR Sex-Link Crossbred	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	%
Babcock Poultry Farm, Inc. Ithaca, New York	SCWL Str. Cr. Babcock Bessie	62	50	150	178	25.2	201.3	234.1	66.8	25.4	6.5	22.0		
Cameron Hatchery Beaver Springs, Pennsylvania	SCWL Str. Cr. DMX	62	50	150	176	23.5	239.2	250.4	71.5	23.9	4.3	8.0		
Cunningham, John Beaver Falls, Pennsylvania	SCWL Pure Str. Group 458	62	50	150	173	23.3	239.7	247.1	70.6	24.0	4.4	10.0		
Darby Leghorn Farm Somerville, New Jersey	SCWL Str. Cr. Darby DX	62	50	150	181	24.3	222.4	238.4	68.1	24.5	4.2	2.0		
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Criss Cross 61	62	50	150	178	23.9	248.6	252.6	72.1	24.2	4.4	2.0		
Heisendorf & Nelson Farms, Inc. (Amstutz Hatchery, Somerset, Pennsylvania)	SCWL Str. Cr. H & N "Nick Chick"	62	50	150	179	23.8	232.1	235.2	67.2	24.0	4.5	6.0		
Honegger Farms Co., Inc. (Windles Hatchery, Cochranville, Pennsylvania)	SCWL Str. Cr. Honegger Layer	62	50	150	179	23.4	243.1	249.4	71.2	25.3	4.2	6.0		
Hubbard Farms Lancaster, Pennsylvania	RIR x NH Crossbred 496 Hy-Line 934 C Incrossbred	62	50	150	177	25.2	219.0	243.0	69.4	25.2	6.3	22.0		
Keystone Poultry Breeding Farm Ephrata, Pennsylvania	SCWL Str. Cr. Keystone Leghorns	62	50	150	170	24.4	243.9	246.6	70.4	24.5	4.6	10.0		
Lee's Poultry Farm Brookville, Ohio	WPR Str. Cr. 301	62	50	150	179	24.2	196.1	204.7	58.4	24.2	6.3	16.3		
Longenecker's Hatchery Elizabethtown, Pennsylvania	SCWL Str. Cr. Kimer's K 137	62	50	150	179	24.8	242.2	244.8	69.9	24.7	4.5	6.0		

*Item (j) - % Hen-day Production from date of housing (not from age at 50% Production)

Performance Tested Parent Stock - Candidate Records
Second Pennsylvania Random Sample Laying Test (Cont. d)

Breeder's Name and Address	Breed and Variety and Grade Designation	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	Adult Mortality	
															Average to 500 days of age	Average to 500 days of age
Mount Hope Poultry Farm Batavia, New York	SCWL Str. Cr. Mt. Hope Queen	No.	No.	No.	No.	days	days	oz.	No.	No.	%*	oz.	lbs.	%		
Nimton Leghorn Farm Bridgeton, New Jersey	SCWL Str. Cr. Commercial	62	50	150	150	174	24.0	255.0	258.4	73.8	24.0	4.4	4.4		8.0	
Rapp Leghorn Farm, Inc. Farmington, New Jersey	SCWL Str. Cr. Linecross Leghorn	62	50	150	171	24.1	262.3	268.4	76.6	24.1					4.0	
Schaible, Louis D. Shiloh, New Jersey	SCWL Str. Cr. Commercial	55	49	150	174	23.2	236.5	252.5	72.1	23.5					8.2	
Town Line Poultry Farm Zeeland, Michigan	SCWL Str. Cr. 30	62	50	150	172	24.1	245.8	249.3	71.2	24.5					2.0	
Warren, J. J. North Brookfield, Mass.	RJR x RIW Crossbred Sex-Sal-Links	62	50	150	178	23.6	255.7	259.3	74.0	24.0					10.0	

* Item (j) - % Hen-day Production from date of housing (not from age at 50% Production)

Third Tennessee Random Sample Laying Test

Babcock Poultry Farm, Inc. (Hudson Hatchery, Jonesboro, Tennessee)	SCWL Str. Cr. Babcock Bessie	75	60	150	187.7		186.7		56.9	24.1	4.2	15.0				
Dirkse Leghorn Farm, Zeeland, Michigan)	SCWL Pure Str. Darby	75	60	150	189.5		176.4			52.1	23.7	4.5	8.3			
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Cris Cross 61	75	60	150	176.0		207.7								8.3	
Heisdorf & Nelson Farms, Inc. Strain Hatchery, Dalton, Ga.,	SCWL Str. Cr. H & N "Nick Chick"	75	60	150	164.2		220.1								13.3	
Honegger Farms, Inc. Forrest, Illinois	SCWL Str. Cr. Honegger Layer	75	60	150	182.7		221.3								5.0	
Hubbard Farms, Inc. Walpole, New Hampshire	RJR x NH Crossbred 496	75	53	150	163.5		188.3		61.9	24.6	6.6	24.5				

Performance Tested Parent Stock - Candidate Records
Third Tennessee Random Sample Laying Test (Cont'd.)

Breeder's Name and Address	Grade and Variety and Breed and Description	Average to 500 days of age										Average Annual Egg Weight				Body Weight at end of year	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
Hy-Line Poultry Farms, Inc. (Banks Hatchery, Chattanooga, Tennessee)	Hy-Line 934 A Incrossbred	No.	No.	No.	No.	days	days	oz.	No.	No.	%	lbs.	lbs.	lbs.	%		
Hy-Line Poultry Farms, Inc. (Blanton Smith, Nashville, Tennessee)	Hy-Line 934 C Incrossbred	75	60	150	168.5				210.6		67.7	24.6	4.3	8.3			
Mount Hope Poultry Farm Batavia, New York	SCWL Str. Cr. Mt. Hope Queen	75	60	150	168.0				219.4		64.2	24.6	4.2	8.3			
Rapp Leghorn Farm, Inc. Farmingdale, New Jersey	SCWL Str. Cr. Linecross Leghorn	75	60	150	185.7				209.1		63.0	24.9	4.3	10.0			
												63.9	24.4	4.1	11.7		

Fifth Texas Random Sample Egg Production Test

Babcock Poultry Farm, Inc. (DeWitt's Texas Hatchery, Inc., Nacogdoches, Texas)	SCWL Str. Cr. Babcock Bessie	90	48	150	182				195.0	206.0	58.8	25.1	4.6	16.7
Babcock Poultry Farm, Inc. (DeWitt's Texas Hatchery, Inc., Nacogdoches, Texas)	SCWL Str. Cr. Babcock Bessie	90	48	150	179				207.0	216.0	62.2	25.9	4.4	8.3
Heisdorf & Nelson Farm, Inc. (Atwood Hatchery, Comanche, Texas)	SCWL Str. Cr. H & N "Nick Chick"	90	48	150	173				210.0	221.0	63.6	24.6	4.7	6.3
Heisdorf & Nelson Farm, Inc. (Vance Hatchery, Shallowater, Texas)	SCWL Str. Cr. H & N "Nick Chick"	90	48	150	170				223.0	225.0	64.6	24.9	4.4	4.2
Honegger Farms Co., Inc. (Flinn's Hatchery, San Antonio, Texas)	SCWL Str. Cr. Honegger Layer	90	48	150	183				194.0	213.0	61.0	25.9	4.7	16.7

Performance Tested Parent Stock - Candidate Records
Fifth Texas Random Sample Egg Production Test (Cont. d)

Breeder's Name and Address	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	Adult Mortality		
														Egg Production; Hen-housed	Egg Production; Hen-day	Egg Production; Hen-day from age at 50% Production
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 C Incrossbred	No.	No.	No.	days	days	oz.	No.	%	o.z.	lbs.	%				
Hy-Line Poultry Farms, Inc. (Kazmeier-Sherill Hatchery, Bryan, Texas)	Hy-Line 934 C Incrossbred	90	48	150	184			219.0	220.0	63.1	26.6	4.3	2.0			
Hy-Line Poultry Farms, Inc. (Wilson Poultry Farm and Hatchery, Clyde, Texas)	Hy-Line 934 C Incrossbred	90	48	150	177			224.0	225.0	64.7	26.6	4.2	2.0			

Fourth Wisconsin Chicken Random Sample Test

Babcock Poultry Farm, Inc. Ithaca, New York	SCWL Str. Cr. Babcock Bessie	75	50	150	172	24.0	229.4	254.8	76.3	25.0	4.6	18.0
Darby Leghorn Farm (Dirkse Leghorn Farm, Zeeland, Michigan)	SCWL Str. Cr. Darby DX	71	50	150	170	24.3	237.9	254.1	75.6	25.4	4.7	14.0
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Criss Cross 60	73	50	150	172	23.6	210.3	233.7	69.8	24.9	4.9	24.0
Heisdorf & Nelson Farms, Inc. Kirkland, Washington	SCWL Str. Cr. H & N "Nick Chick"	80	50	150	163	23.0	242.9	250.6	73.7	24.0	4.5	8.0
Honegger Farms Co., Inc. Forrest, Illinois	SCWL Str. Cr. Honegger Layer	80	50	150	175	23.8	225.8	241.7	72.6	24.9	4.5	12.0
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 A Incrossbred	84	50	150	164	24.1	251.1	259.0	76.3	25.3	4.3	4.0
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 B Incrossbred	80	50	150	166	23.6	260.1	264.0	77.9	25.1	4.2	2.0
Rapp Leghorn Farm Farmington, New Jersey	SCWL Str. Cr. Linecross Leghorn	75	50	150	167	23.4	268.8	274.7	81.5	23.7	4.5	4.0

ARKANSAS MEAT PERFORMANCE EGG PHASE TEST NO. 3

AVERAGE PERFORMANCE FOR EGG PRODUCTION AND COMPONENTS OF PRODUCTION

Entrant and joint entrant	Breeding of females	267 day test		Livability per hen housed	Feed conversion (feed per dozen eggs produced)	Sexual maturity ¹	Average pullet body weight		Fall egg size		Spring egg size				
		Egg production					Days	Pounds	At 24 weeks	At 61 weeks	Under 23 oz. per dozen				
		% Per hen housed	% Per hen day								%	%			
COMMERCIAL ENTRIES															
ARBOR ACRE FARMS, Glastonbury, Conn. & JEFF D. BROWN & Co., Springdale, Ark.	Arbor Acre White Rock	50.0	52.6	93.0	7.8	175	5.7	8.8	3.0	25.3	0	27.2			
ARBOR ACRE FARMS, Glastonbury, Conn. & PETERSON SALES, Decatur, Ark.	Arbor Acre White Rock	41.0	43.0	91.0	8.9	180	5.6	8.4	10.8	24.9	10.3	26.3			
ARBOR ACRE FARMS, Glastonbury, Conn. & TYSON'S FEED & HATCHERY, Springdale, Ark.	Arbor Acre White Rock	44.6	46.1	93.0	8.5	180	5.6	8.7	6.8	25.1	0	27.1			
COBB'S PEDIGRED CHICKS, Concord, Mass. & PETERSON SALES, Decatur, Ark.	Cobb's White Rock	51.3	52.8	92.0	7.4	171	6.0	8.5	2.1	25.7	0.8	27.9			
COBB'S PEDIGRED CHICKS, Concord, Mass.	Cobb's White Rock	47.5	49.4	91.0	7.8	172	5.7	8.6	6.4	25.5	0.5	27.6			
HUBBARD FARMS, Walpole, N. H.	Hubbard No. 43	58.9	60.1	96.0	6.5	168	5.3	7.7	2.8	25.5	0.6	27.5			
HUBBARD FARMS, Walpole, N. H. *	Hubbard No. 43	60.6	63.9	90.0	6.1	168	5.2	7.4	3.9	25.5	0.3	27.7			
NICHOLS POULTRY FARMS, Exeter, N. H.	Nichols No. 108	50.5	51.2	97.0	7.7	174	5.5	7.8	7.2	24.7	5.3	26.3			
NICHOLS POULTRY FARMS, Exeter, N. H.	Nichols No. 108	48.1	50.5	91.0	7.7	174	5.5	7.6	4.6	24.9	5.6	26.4			
PILCH POULTRY FARMS, Hazardville, Conn. & JEFF D. BROWN & Co., Springdale, Ark.	Pilch White Rock	45.5	46.2	96.0	8.4	184	5.7	8.5	5.3	24.8	1.7	25.8			
PILCH POULTRY FARMS, Hazardville, Conn. & PETERSON SALES, Decatur, Ark.	Pilch White Rock	47.4	48.2	96.0	7.9	180	5.7	8.4	6.2	24.4	0.3	26.2			
PILCH POULTRY FARMS, Hazardville, Conn.	Pilch White Rock	47.0	48.8	93.0	8.0	180	5.7	8.7	4.2	25.2	2.6	26.9			
J. N. THOMPSON HATCHERY & BREEDING FARM, Pottsville, Ark.	J. N. Thompson White Rock	45.7	49.1	90.0	7.8	173	5.7	8.5	9.7	25.0	0	27.8			
Overall average		49.1	50.9	93.0	7.7	175	5.6	8.3	5.6	25.1	2.2	27.1			

1/ Age of birds on first day when 50 percent of birds laid an egg; the smaller the figure, the more early maturing the birds.

ARKANSAS TEST-MATING MEAT PERFORMANCE BROILER TEST NO. 3A and 3B COMBINED, 1959

AVERAGE PERFORMANCE OF EACH ENTRY

Females	Entrants and breeding of entries		Vig- orosity to 8 wks. age	Hatch of fertile eggs	Pounds chicken per 100 lb. feed	Average live wt. at 8 weeks age	Uniformity ¹ / Both	Grade of carcasses		Evis- cerated carcass yield	Average breast angle	Overall feed cost per lb. chicken ² /live broilers ³									
								Fleshing													
	Males	Females						%	%												
COMMERCIAL ENTRIES																					
ARBOR ACRE FARMS, Glastonbury, Conn.	JEFF D BROWN & CO., Springdale, Ark.	97.2	80.8	90.7	73.3	47.59	3.31	2.60	2.96	90.17	70.29	93.3	41	58	1	39	61	0	10.51	12.03	
Arbor Acre White Rock	Brown's Ledrest																				
ARBOR ACRE FARMS, Glastonbury, Conn.	PETERSON SALES, Decatur, Ark.	97.4	70.3	91.1	64.0	48.81	3.36	2.66	3.02	90.71	90.86	69.32	93.5	52	47	1	0	52	48	10.27	12.42
Arbor Acre White Rock	Peterson																				
ARBOR ACRE FARMS, Glastonbury, Conn.	TYSON'S FEED & HATCHERY, Springdale, Ark.	97.2	83.5	93.5	78.1	48.92	3.50	2.84	3.17	90.29	90.57	67.69	92.5	41	53	6	41	55	4	10.23	11.71
Arbor Acre White Rock	Vantress Dom. White																				
COBBS' PEDIGREE CHICKS, Concord, Mass.	PETERSON SALES, Decatur, Ark.	100.0	82.9	89.9	74.5	49.07	3.37	2.72	3.05	90.77	91.63	69.53	93.0	48	51	1	51	48	1	10.20	11.58
Cobb's White Rock	Peterson																				
COBBS' PEDIGREE CHICKS, Concord, Mass.	Cobb's King Size White Rock	97.0	93.2	85.8	80.0	47.31	3.24	2.56	2.91	89.89	89.71	66.99	90.3	17	75	8	17	75	8	10.58	12.03
Cobb's White Rock	Peterson																				
HUBBARD FARMS, Walpole, N. H.	98.0	86.8	89.9	78.0	46.85	3.20	2.58	2.90	90.16	89.73	69.30	92.3	37	57	6	36	59	5	10.68	11.90	
Hubbard No. 43	Peterson																				
HUBBARD FARMS, Walpole, N. H.	Vantress Dom. White	98.6	77.1	88.8	68.5	47.27	3.25	2.60	2.93	90.39	90.44	68.08	90.5	19	73	8	19	73	8	10.59	11.88
Hubbard No. 43	Peterson																				
NICHOLS POULTRY FARMS, Exeter, N. H.	NICHOLS NO. 108	98.8	88.2	91.9	81.1	50.25	3.25	2.66	2.96	90.54	90.83	67.78	90.3	31	67	2	30	65	5	10.27	11.70
Nichols No. 108	Peterson																				
PILCH POULTRY FARMS, HAZARDVILLE, Conn.	JEFF O BROWN & CO., Springdale, Ark.	97.8	78.5	87.0	68.3	48.39	3.44	2.72	3.08	90.22	90.44	68.27	93.8	47	53	0	46	54	0	10.34	12.06
Pilch White Rock	Peterson																				
PILCH POULTRY FARMS, Hazardville, Conn.	PETERSON SALES, Decatur, Ark.	98.8	73.0	92.0	67.2	48.04	3.39	2.67	3.03	90.62	90.10	69.21	92.5	36	60	4	36	60	4	10.42	12.09
Pilch White Rock	Peterson																				
PILCH POULTRY FARMS, Hazardville, Conn.	Vantress Dom. White	96.7	69.1	90.3	62.4	48.63	3.46	2.78	3.12	90.74	91.00	69.16	93.7	52	48	0	49	51	0	10.29	12.06
Pilch White Rock	Peterson																				
J. N. THOMPSON HATCHERY & BREEDING FARM	Pottsville, Ark.	97.2	91.5	90.0	82.4	47.23	3.42	2.73	3.08	91.60	91.28	66.96	92.7	37	57	6	37	58	5	10.59	11.94
J. Thompson White Rock	J. Thompson White Rock	97.9	81.2	90.1	73.2	48.20	3.35	2.68	3.02	90.51	90.62	68.55	92.4	38	58	4	34	59	7	10.41	11.95
Overall average																					

1/ 100 minus coefficient of variation. The larger the numerical value, the more uniform the birds.

2/ Feed cost from day-old chick to broiler age.

3/ Includes feed cost to produce baby chick.

Chicken Stocks Qualified as U. S. Performance Tested Parent Stock for Eggs, 1957-58 and 1958-59

<u>Entrant</u>	<u>Stock</u>	
	<u>1957-58</u>	<u>1958-59</u>
Babcock (New York)		WL, Str. Cr., Babcock Bessie
Cameron (Pennsylvania)		WL, Str. Cr., Cameron DMX
Cashman (Kentucky)	WL, Str. Cr., Hi-Cash	
Colonial (Missouri)	WL, True Line 365	
Cunningham (Pennsylvania)		WL, Pure Str., Group 458
Darby (New Jersey)		WL, Str. Cr., Darby DX
Dirkse (Michigan)	*WL, Pure Str. Darby	
Jack Frost (Minnesota)	WL, Str. Cr., "Frostline"	
Gasson (Ohio)	WL Str. Cr., G-33	
Ghostley (Minnesota)	WL, Str. Cr., 007	
Hansen (Washington)	WL, Str. Cr. 60	
Heisdorf & Nelson (Washington)	WL, Str. Cr., "Nick Chick"	
Honegger (Illinois)	Crossbred, 496	
Hubbard (New Hampshire)	Hy-Line 934A, 934B, 968	
Hy-Line (Iowa)	WL, Str. Cr., Keystone	
Keystone (Pennsylvania)	WL, Str. Cr., Land-O-Lakes	
Land-O-Lakes (Minnesota)		
Longenecker (Pennsylvania)		*WL, Str. Cr., Kimber 137
Mt. Hope (New York)		WL, Str. Cr., Mt. Hope Queen
Nimton (New Jersey)		WL, Str. Cr.
Pennsylvania Farm Bureau (Pa.)	WL, Str. Cr., LSC 55	
Rapp (New Jersey)		WL, Str. Cr., Rapp Line Cross
Reuter (New York)		WL, Str. Cr.
Rochester (Minnesota)	*WL, Str. Cr. Kimber K137	
Schaible (New Jersey)		WL, Str. Cr., Commercial
Speltz (Minnesota)	*DeKalb 101	
Stone (Minnesota)	Crossbred, California White and WL Pure Str.	
Townline (Michigan)	WL Str. Cr., 30	
Warren (Massachusetts)		WL, Str. Cr., 30
		RIR Pure Str. and Crossbred Sex-Sal-Links

Chicken Stocks Qualified as U. S. Performance Tested Parent Stock for Meat, 1957-58 and 1958-59

Christie (New Hampshire)	Christie N. H. female <u>and</u> Peterson Wh. Cornish male
Cobb (Massachusetts) <u>and</u> Peterson (Arkansas)	Cobb W. R. female <u>and</u> Petersen Wh. Cornish male
Coe (Arkansas)	Coe W. R. female <u>and</u> Peterson Wh. Cornish male
Holtzapple (Ohio)	Holtzapple W. R. female <u>and</u> Vantress Wh. Cornish male
Hubbard (New Hampshire)	Hubbard 43 female <u>and</u> Vantress Wh. Cornish male
Pilch (Connecticut) <u>and</u> Brown (Arkansas)	Pilch W. R. female <u>and</u> Brown Ledbrest male
Pilch (Connecticut) <u>and</u> Peterson (Arkansas)	Pilch W. R. female <u>and</u> Peterson Wh. Cornish male
Pilch (Connecticut) <u>and</u> Vantress (Georgia)	Pilch W. R. female <u>and</u> Vantress Wh. Cornish male
Thompson (Arkansas)	Thompson W. R. female <u>and</u> Thompson W. R. male

ROP Participation, by States, 1958-59

State and Division	Breeders	Flocks	Candidates Trapnested	Candidates Individually Pedigreed	Candidates Qualified	Single-Male Matings	Females in Single-Male Matings
Connecticut	2	2	844	844	458	38	354
Massachusetts	10	12	13,412	12,881	8,100	255	3,121
New Hampshire	1	1	634	634	443	20	261
New York	1	1	6,071	6,071	3,671	226	1,000
Pennsylvania	2	2	2,209	2,209	1,139	26	601
NORTH ATLANTIC	16	18	23,170	22,639	13,811	565	5,337
Michigan	1	1	579	579	334	31	427
Ohio	2	2	2,463	2,463	1,989	43	755
Wisconsin	1	1	Breeding Pens only				148
EAST NORTH CENTRAL	4	4	3,042	3,042	2,323	81	1,330
Minnesota	3	5	2,065	2,065	995	65	1,183
Missouri	1	2	1,866	1,670	202	23	210
WEST NORTH CENTRAL	4	7	3,931	3,735	1,197	88	1,393
North Carolina	1	1	651	651	301	28	560
South Carolina	1	1	336	336	230	7	85
SOUTH ATLANTIC	2	2	987	987	531	35	645
Kentucky	2	2	1,920	1,920	1,237	12	182
SOUTH CENTRAL	2	2	1,920	1,920	1,237	12	182
Arizona	1	2	516	---	316	22	272
Idaho	1	1	152	152	55	--	---
Oregon	1	1	1,639	1,524	1,287	34	307
WESTERN	3	4	2,307	1,676	1,658	56	579
UNITED STATES	30	37	35,357	33,999	20,757	837	9,466

Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service.



